

## Receiving Report

Date: 9/9/02  
 Supplier: MAGNO

Batch No: M112570 112570  
 Dart P/O: M10248

Packing Slip: Yes ☐ No ☐  
 Invoice: Yes ☐ No ☐  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection ☒ N/A ☐  
 Work Order 070102 N/A ☐

**Discrepancies**

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 *[Signature]*

Production/Admin: 09/09/03  
 Date 09/09/03  
 Received/Costing R/D 112570  
 Initial CZ

Location \_\_\_\_\_



# Magna Stainless

5775 Kieran St, Saint-Laurent QC H4S 0A3  
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

## INVOICE

Pg 1 of 1 I015892

### SOLD TO:

DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY , ON  
K6A 1K7

### SHIP TO:

METCOR  
560 BOUL. ARTHUR SAUVE  
SAINT-EUSTACHE, QC  
J7R 5A8

MTR:Y

INVOICE DATE:	08/27/09
ORDER DATE:	08/25/09
SHIP DATE:	08/27/09
ORDER NUMBER:	W017461
PURCHASE ORDER:	PO10248

Currency	Sales Person	Ship Via	F.O.B.	Terms
CANADIAN DOLLARS	ERYCK BLAIS	NIR:R-557065-1	PREPAID	NET 30 DAYS

Ln	Back Ordered	Ordered	Unit	Description	Shipped	Price Per	Value
		7	PC	STAINLESS ROUNDS SRB 17-4 ANN 1" x R/L L029044 12'8" 7 PC/235 LB CUT ALL MAT'L AT 4' LONG	7 UN	140.00	980.00

RECEIVED AUG 04 2009

08/28/09 13:23:54

Merchandise:	980.00
Surcharges:	
No Tax Costs:	
GST	49.00
PSTQ	77.18
Total Due:	1,106.18

Title to the goods sent out on this invoice remains with Magna Stainless Div of CSM ULC until such time as this invoice has been paid in full. Unless otherwise noted terms are 30 days. Interest accrues on all overdue accounts at the rate of 1.5% per month compounded monthly.

Q.S.T. # 1213236471  
G.S.T. # 881565899 RT0001

**L Lacelle**

**From:** Eryck Blais [eblais@magnastainless.com]  
**Sent:** August 25, 2009 8:46 AM  
**To:** 'L Lacelle'  
**Subject:** RE: rfq

ASAP

HI LINDA

MAT'L IS NOT H900 WE CAN SHIP FOR YOU AT METCOR  
THANK YOU  
ERYCK

**From:** L Lacelle [mailto:llacelle@dartaero.com]  
**Sent:** Tuesday, August 25, 2009 7:46 AM  
**To:** Eryck Blais  
**Subject:** rfq

80' x 17-4 PH – round bar 1.000" 7 BARS X 12' \$140.00 EACH STOCK

Thank You,  
Linda Lacelle  
Production Manager  
Dart Aerospace Ltd

ship to  
Metcor

252P  
for hardening  
to H900

## Purchase Order Receipt Listing

September 3, 2009 8:57:26 AM

All amounts are calculated in domestic currency.

Page 1 of 1

All Vendors PO ID PO10248 All Receipt Dates All Line Item Types

All Item ID/GL/WOs    All Rec. Employees    All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-MAG002	Magna Stainless								
PO10248	I		M174PH-H900R1.000	f	8/28/09	9/03/09	84.0000	\$11.67	0.0000	0	\$979.99
CAD	No		17-4SS H900 ROUND BAR 1.00112570	f	84.0000	LAV001		\$979.99	0.0000	0	
Total Received Quantity:											84.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$979.99
Total Balance Due Quantity:											0.0000



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO10248

Purchase Order Date 8/25/09

PO Print Date 8/25/09

Page Number 1 of 1

Order From :

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

**FAXED**  
07/09/09

Contact Name

Vendor Phone 800 363 6646

Vendor Fax 514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M174PH-H900R1.000	17-4SS H900 ROUND BAR 1.00	8/28/09	✓ 84.00	Yours ppd	\$11.6666	\$979.99

Yes

f

Special Inst:

MATERIAL: 17-4 PH SS ROUND BAR  
PER AMS 5643  
PLEASE SHIP MATERIAL TO:  
METCOR INC.  
560 BOULV. ARTHUR SAUVE  
SAINT-EUSTACHE QC  
450-473-1884

PO Total:

\$979.99

**MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY**

Change Nbr: 1

Change Date: 8/25/09

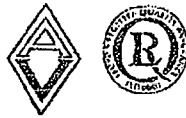
No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

# Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.I.  
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Destinatario/Purchaser/Client  
VALBRUNA CANADA LTD  
8724 HOGGATE CRESCENT  
CDN-MILTON, ONT L5T 5Z1-CAN

Produttore: ACCIAIERIE VALBRUNA S.P.A.  
Hersteller/Usine productrice



CERTIFICATO DI COLLAUDO  
ABNAHMEPRUEFZEUGNIS  
INSPECTION CERTIFICATE  
CERTIFICAT DE RECEPTION  
EN 10204 (2005) , 3.1

Avviso di Spedizione: D-VI09000237  
Lieferungs-/Versand-Befehl

Certificato nr: MEST706471/2009/  
Prüfung/Tests/Essai

Conferma ordine nr: E108009960  
Werk-/Order/Ref. nr.

Marchio di Fabbrica:  
Zeichen des Unternehmens  
Marque  
Sigla di Ritratto: production

Punzone del Collaudatore:  
Stempel des Werkssachverständigen  
Inspection / stamp-Folgende de l'essayeur



Oggetto Prove: Polished Annealed Peeled  
Prüfungszustand: inspected/finishing

Tipo di Elaborazione: E+AOD  
Erneuerungsverfahren/Alloying process/Mode d'elaboration

Specifiche:  
Anforderungen / Requirements / Exigences  
VAL CANADA 2 630 A  
ASTM A564 2004 S17400  
(0) SEC.II PTA 2007 EDITION

AMS 5643 R S17400

ASME SA564 2007 S17400 (0)

Qualità: T-630  
Werkstoff/Grade/Qualität

Marca: V174  
Markenbezeichnung/Brand/Numéro

Punzonatura: T-630  
Kennzeichnung Marking/Markierung

Pos. nr. Pos. nr. Nr. de pose	Oggetto Geometrie Produit description Dessins du produit	Dimensioni - In Abmessungen Dimensions Dimensions	Tolleranza Toleranz Tolérance	Lunghezza - Ft Länge Longueur	Colori Schmelze Couleur	Pezzi Stückzahl Pièces	Peso - LB Gewicht Poids	Lotto nr. Losnr. Lot n°
0070	Round	1,0000	484-06B	10 / 12	247478		5.739	830403280

Sono state soddisfatte tutte le condizioni richieste  
Die geforderten Anforderungen sind in Anlage erfüllt  
The material has been furnished in accordance with the requirements  
Le matériel a été livré conforme aux exigences

Controllo antimescolanza: OK  
Vermischungsprüfung: zufriedenstellend durchgeführt  
Antiskipping testing performed: OK  
Concédé antimesclage fait: A.A.S.

Controllo visivo e dimensionale: soddisfa le esigenze  
Besichtigung und Ausmessung: ohne Beanstandung  
Visual inspection and dimensional checks satisfactory  
Contrôle visuel et dimensionnel: satisfaisant

TEST	Prove/Prüfung Specimen/Examen Lieg. Form Spec. Lieg. Form. Spec. Lieg. Form. Spec.	°F	Snervamento Spannung Tension Lieg. Form. Spec.	Snervamento Spannung Tension Lieg. Form. Spec.	Resistenza Zugfestigkeit Tensile strength Distance a section	Allungamento Bruchdehnung Elongation Allongement	Sirizione Bruchdehnung Reduction of area Striction	Resistenza Bruchdehnung Tensile strength Resistance	Durezza Härte Hardness HB
Valori richiesti 1 Anforderungen/Required values Valeurs demandées		min max							
A									363

Sample cond. H900

Sample cond. H900														
Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Thermique		Temperatura Temperatur Temperature Température	Raffreddamento Abkühlung Cooling Refroidissement	Permanenza Haltezeit Retention Dauer	Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Thermique		Temperatura Temperatur Temperature Température	Raffreddamento Abkühlung Cooling Refroidissement	Permanenza Haltezeit Retention Dauer	Tipo Trattamento Wärmebehandlung Heat Treatment Traitement Thermique		Temperatura Temperatur Temperature Température	Raffreddamento Abkühlung Cooling Refroidissement	Permanenza Haltezeit Retention Dauer
Aging		900 °F	AIR	60										
TEST	Prove/Prüfung Specimen/Examen Lieg. Form Spec. Lieg. Form. Spec. Lieg. Form. Spec.	°F	Posiz. Soglio Position Position	Snervamento Spannung Tension Lieg. Form. Spec. Rp 0,2%	Snervamento Spannung Tension Lieg. Form. Spec.	Resistenza Zugfestigkeit Tensile strength Distance a section Rm K.s.i.	Allungamento Bruchdehnung Elongation Allongement E 4d %		Sirizione Bruchdehnung Reduction of area Striction RA %	Resistenza Bruchdehnung Tensile strength Resistance	Durezza Härte Hardness Dureté HB			
	Valori richiesti 1 Anforderungen/Required values Valeurs demandées	min max		170	-	190	-	10	-	40	-	388		
B	12,5	68	L	183		201		16		58		431		

FERRITE DELTA % : 1,0

(X)-lunghezza di prova: T-inversabile quora, Da Tangezeit/Anlagezeit

## Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata /mat Schmelze/Coulee	min - max 0,070	1,00	1,00	15,00 17,50	0,50	3,00 5,00	3,00 5,00	0,15 0,45	0,040	0,030	0,45	-	-	-	-
C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Nb+Ta	P %	S %	Cb-Nb	Ta %	-	-	-	-
247478	0,037	0,35	0,48	15,13	0,23	3,24	4,56	0,21	0,027	0,001	0,21	0,001	-	-	-

Annealing temperature 1922 deg. F for 1 H / air.

Macro etch test: satisfactory.

Produced without class I-II Ozone depleting substances.

Material is DFARS Compliant

Vicenza, 09/01/09  
V00012  
(Mod. MCR)

Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L'agent d'usine  
M. Rizzotto

Pagina - 1 di 2

CAPABLE  
OF  
ONLY  
HARDENED  
OR  
AGED  
TO  
H900

# Acciaierie Valbruna S.p.A.



36100 VICENZA (Italia) - Viale della scienza, 25 2.i.  
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Kunde/Client  
VALBRUNA CANADA LTD  
8724 HOLTATE CRESCENT  
CDN-MILTON, ONT L5T 5Z1-CAN

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**  
Hersteller/Hersteller/Hersteller

Oggetto Prove: Polished Annealed Peeled  
Prüfgegenstand: Polished Annealed Peeled

Avviso di Spedizione: D-VI09000237  
Lieferanten-Prüfungsprotokoll

Ordine nr: 808001998 STOCK  
Bestell-/Vorder-/Vorderbestell

Tipo di Elaborazione: E+AOD  
Erzeugnisart/Herstellung/Produktionsart

CERTIFICATO DI COLLAUDO  
ABNAHMEPRÜFZEUGNIS  
INSPECTION CERTIFICATE  
CERTIFICAT DE RECEPTION  
EN 10204 (2005), 3.1

Certificato nr: MEST706471/2009/  
Prüfung/Prüfungsprotokoll

Conferma ordine nr: EI08009960  
Werkzeug-/Vorderbestell

Marchio di Fabbrica:  
Zeichen des Lieferanten  
Trade mark  
Styl des Herstellers

Funzione del Collaudatore:  
Stempel des Werkstoffprüfingen  
Inspector's stamp/Prüfer des Werkstoffprüfingen



Melted and manufactured in Italy No welding or weld repair Material free from Mercury or radio-activity contamination  
The Quality Management System is Certified acc. Pressure Equipment Directive (97/23/EC) Annex 1, §. 4.3 by TÜV and LLOYD'S

Vicenza, 09/01/09  
VCO012  
Prod. MCE/0

Il collaudatore di stabilimento / der Werkstoffverständige / Works inspector / L' agent d' usine

M. Rizzotto

Pagina - 2 di 2

**L Lacelle**

---

**From:** Eryck Blais [eblais@magnastainless.com]  
**Sent:** August 25, 2009 11:32 AM  
**To:** 'L Lacelle'  
**Subject:** RE: rfq  
**Attachments:** 0791\_001.pdf

HERE IS A EXPLAINTION FOR THE H900 LOOK AT THE MILLTEST  
ERYCK

---

**From:** L Lacelle [mailto:llacelle@dartaero.com]  
**Sent:** Tuesday, August 25, 2009 9:25 AM  
**To:** Eryck Blais  
**Subject:** RE: rfq

Ummmm...the last batch we got in was stamped H900 on it...you sure?

---

**From:** Eryck Blais [mailto:eblais@magnastainless.com]  
**Sent:** August 25, 2009 8:46 AM  
**To:** 'L Lacelle'  
**Subject:** RE: rfq

HI LINDA

MAT'L IS NOT H900 WE CAN SHIP FOR YOU AT METCOR  
THANK YOU  
ERYCK

---

**From:** L Lacelle [mailto:llacelle@dartaero.com]  
**Sent:** Tuesday, August 25, 2009 7:46 AM  
**To:** Eryck Blais  
**Subject:** rfq

80' x 17-4 PH – round bar 1.000" 7 BARS X 12' \$140.00 EACH STOCK

Thank You,  
Linda Lacelle  
Production Manager  
Dart Aerospace Ltd

8/25/09



# FACSIMILE TRANSMITTAL

**MAGNA  
INOXYDABLE INC.**

TO/À: Chantal

FAX #: <sup>(613)</sup>  
632-1053

CO: Dart Aerospace

DATE: 9/2/09

RE: PO #10248

PAGES: 2 + COVER  
+ COUVERTURE

FROM/DE: **BARRY MARTIN**

**QUALITY MANAGER/GÉRANT À LA QUALITÉ**

**PHONE: (514) 339-1211**

**FAX: (514) 335-2202**

**E-MAIL: [bmartin@magnastainless.com](mailto:bmartin@magnastainless.com)**

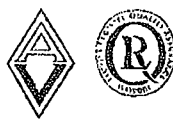
5775 Rue Kieran St-Laurent Quebec H4S 0A3 TEL: (514) 339-1211 1 (800) 363-6646

# Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / destinataire / Purchaser / Client:  
VALBRUNA CANADA LTD  
8724 HOLGATE CRESCENT  
CDN-MILTON, ONT L5T 5Z1-CAN

Produttore: ACCIAIERIE VALBRUNA S.P.A.  
Hersteller / Usine / Producteur



Avviso di Spedizione: D-VI09000237  
Lieferanweisung / Packing list / B.L.

Ordine nr: 808001998 STOCK  
Bestell / Your order / Commande

## CERTIFICATO DI COLLAUDO ABNAHMEPRUEFZEUGNIS INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION EN 10204 (2005), 3.1

Certificato nr: MEST706471/2009/  
Prüfung / Test / Essai

Conferma ordine nr: EI08009960  
Werkz./Our Order/Ref. n.

Marchio di Fabbrica:  
Zeichen des Werkschreibers  
Trade mark  
Sigle de l'usine / producteur



Punzone del Collaudatore:  
Stempel des Werkschreibers  
Inspector's stamp / Ongen de l'essayeur



Oggetto Prove: Polished Annealed Peeled  
Prüfungszustand / Inspection / Finissage

Tipo di Elaborazione: E+AOD  
Erweiterungsart / Working process / Mode d'élaboration

Specifiche:  
Anforderungen / Requirements / Exigences

VAL CANADA 2 630 A  
ASTM A564 2004 S17400  
(0) SEC. II PTA 2007 EDITION

AMS 5643 R S17400

ASME SA564 2007 S17400 (0)

Qualità: T-630  
Werkstoff / Grade / Nuance

Marca: V174

Markenbezeichnung / Brand / Marque

Punzonatura: T-630  
Kenzeichnung / Marking / Marquage

Pos. nr. Pos. nr. Item nr. Nr. de poste	Oggetto Gegenstand Produit description Objet de produit	Dimensioni - in Abmessungen Dimension Dimensions	Tolleranza Toleranz Allowance Tolérance	Lunghezza - Ft Länge Length Longueur	Colata Schmelze Melt Coulée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Losn. Lot nr. Lot nr.
0070	Round	1,0000	484-06B	10 / 12	247478		5.739	830403280

Sono state soddisfatte tutte le condizioni richieste  
Die gestellten Anforderungen sind erfüllt  
The material has been furnished in accordance with the requirements  
Le matériel a été fourni conforme aux exigences

Controllo chimico: OK  
Vermessung / Prüfung, specialanalytisch durchgeführt  
Analyzing testing performed: OK  
Contrôle chimique: OK

Controllo visivo e dimensionale: soddisfa le esigenze:  
Brosichtigung und Ausmessung ohne Beanstandung  
Visual inspection and dimensional checks: satisfactory  
Contrôle visuel et dimensionnel: satisfaisant

TEST	Provetta / Probe Speimen / Specimen Luz / Lam. Spec. Billet / Bar. / Rod Werkst. / Thickness Lap / Lam. / Thick.	°F	Posti Saggio Prüfung Essai	Sneramento Streckgrenze Yield Stress Limite élastique	Sneramento Streckgrenze Yield Stress Limite élastique	Resistenza Zugfestigkeit Tensile strength Résistance à traction	Allungamento Dehnung Elongation Allongement	Strizione Erweichung Reduction of area Striction	Resistenza Herschlagwert Impact Value Résistance	Durezza Härte Hardness Dureté
	Valori richiesti 1 Anforderungen / Required values Valeurs demandées	min max								363
A										344

Sample cond. H900											
Tipo Trattamento Wärmebehandlung Heat Treatment	Temperatura Temperatur Temperature	Raffreddamento Abkühlung Cooler	Permanenza Haltezeit Retention	Tipo Trattamento Wärmebehandlung Heat Treatment	Temperatura Temperatur Temperature	Raffreddamento Abkühlung Cooler	Permanenza Haltezeit Retention	Tipo Trattamento Wärmebehandlung Heat Treatment	Temperatura Temperatur Temperature	Raffreddamento Abkühlung Cooler	Permanenza Haltezeit Retention
Aging	900 °F	AIR	60								
TEST	Provetta / Probe Speimen / Specimen Luz / Lam. Spec. Billet / Bar. / Rod Werkst. / Thickness Lap / Lam. / Thick. mm	°F	Posti Saggio Prüfung Essai n°	Sneramento Streckgrenze Yield Stress Limite élastique Rp 0,2 % k.s.i.	Sneramento Streckgrenze Yield Stress Limite élastique	Resistenza Zugfestigkeit Tensile strength Résistance à traction Rm k.s.i.	Allungamento Dehnung Elongation Allongement E 4d %	Strizione Erweichung Reduction of area Striction RA %	Resistenza Herschlagwert Impact Value Résistance	Durezza Härte Hardness Dureté HB	
	Valori richiesti 1 Anforderungen / Required values Valeurs demandées	min max		170	-	190	10	40	-	388 444	
B	12,5	68	L	183		201	16	58		431	

FERRITE DELTA % : 1,0

1) L=lunghezza / Länge, T=temperatura, Q=temperatura / Température

### Analisi chimica

Chemische Zusammensetzung / Chemical Analysis / Analyse chimique

Colata / Hout Schmelze / Coulee	min - max 0,070	1,00	1,00	15,00 17,50	0,50	3,00 5,00	3,00 5,00	0,15 0,45	0,040	0,030	5°C 0,45	-	-	-	-
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Nb+Ta	P %	S %	Cb-Nb	Ta %			
247478	0,037	0,35	0,48	15,13	0,23	3,24	4,56	0,21	0,027	0,001	0,21	0,001			

Annealing temperature 1922 deg. F for 1 H / air.

Macro etch test: satisfactory.

Produced without class I-II Ozone depleting substances.

Material is DFARS Compliant

Vicenza, 09/01/09 VC0012 (Mod. MCER)	Il collaudatore di stabilimento / der Werkschreiber / Works inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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